Save up to 25%

Buy Online

PROTECTION *you demand.* | PERFORMANCE *you deserve.™*

DATA SHEET

100% Synthetic Metric Motorcycle Oil

High-Performance Engine and Transmission Lubricant

AMSOIL Synthetic Metric Motorcycle Oil is designed for owners who demand the absolute best lubrication for their metric motorcycles. Whether riding aggressively, cruising long distances or stuck in stop-and-go traffic, AMSOIL Synthetic Metric Motorcycle Oil delivers cooler operation, enhanced performance, premium wear protection and smooth, confident shifts. With AMSOIL Synthetic Metric Motorcycle Oil, riders enjoy the confidence and security of maximum engine and transmission protection, performance and reliability. It is also Warranty Secure™ and will not void your motorcycle's warranty.



- **Premium** wear protection
- **Smooth,** confident shifts
- **Cool, clean** performance

Reduces Friction, Heat and Wear

AMSOIL Synthetic Metric Motorcycle Oil is thermally stable at high temperatures and exceeds industry standards for high-temperature film strength to reduce friction and keep engines and transmissions running cool. Its optimized antioxidant additives are engineered to prevent damaging sludge and carbon deposit formation for superior engine cleanliness and improved performance. AMSOIL Synthetic Metric Motorcycle Oil also contains premium anti-wear additives that help reduce engine wear under any operating conditions.

Smooth, Confident Shifts

AMSOIL Synthetic Metric Motorcycle Oil is engineered to control heat and eliminate glazing for positive clutch engagement and longer clutch life. It contains no friction modifiers, which prevents slippage for smoother, more confident shifts.

Controls Foam

High-rpm operation causes some motor oils to foam. Foam bubbles collapse when traveling between gear teeth and engine components, allowing metal surfaces to contact and cause wear. AMSOIL Synthetic Metric Motorcycle Oil contains advanced anti-foam additives that help prevent foam, so riders can confidently push their bikes to the limit.

Delivers Superior Rust and Corrosion Protection

Unlike many motorcycle oils, AMSOIL Synthetic Metric Motorcycle Oil contains special anti-corrosion agents that deliver superior protection during storage and long periods of inactivity. With its high 11.6 total base number (TBN), AMSOIL Synthetic Metric Motorcycle Oil provides greater protection against acid corrosion and rust to help maintain internal engine cleanliness.

Buy Online

TYPICAL TECHNICAL PROPERTIES
AMSOIL Synthetic Metric Motorcycle Oil

	10W-30 (MCT)	10W-40 (MCF)	5W-40 (MMF)	15W-50 (MFF)
Kinematic Viscosity @ 100°C, cSt (ASTM D445)	11.2	14.6	16.0	20.2
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	71.8	92.1	97.8	140.7
Viscosity Index (ASTM D2270)	148	165	176	165
Pour Point, °C (°F) (ASTM D97)	-46 (-51)	-43 (-45)	-47 (-53)	-39 (-38)
Flash Point, °C (°F) (ASTM D92)	244 (471)	230 (446)	234 (453)	238 (460)
Fire Point, °C (°F) (ASTM D92)	260 (500)	240 (464)	262 (504)	274 (525)
Noack Volatility, % weight loss (g/100g) (ASTM D5800)	5.8	7.2	5.9	3.8
High-Temp/High-Shear Viscosity, 150°C, cP (ASTM D4683)	3.5	4.7	4.3	5.7
Total Base Number (ASTM D2896)	11.6	11.6	11.6	11.6
Four-Ball Wear Test (ASTM D4172)				
40 kg, 150°C, 1800 rpm, 1 hr., Scar, mm	0.37	0.37	0.35	0.39
Foam, Sequence I, II & III (ASTM D892)	0/20/0	0/20/0	0/10/0	0/40/0
Rust Test – Humidity Cabinet (ASTM D1748)	No Rust, Pass	No Rust, Pass	No Rust, Pass	No Rust, Pass

APPLICATIONS*

Use **AMSOIL 10W-30 Synthetic Metric Motorcycle Oil** in Honda, Kawasaki, Suzuki, Yamaha and other motorcycles that require 10W-30 motorcycle oil.
- API SH, GL-1, JASO MA/MA2

Use **AMSOIL 10W-40 Synthetic Metric Motorcycle Oil** in BMW, Can-Am, Honda, Kawasaki, Suzuki, Triumph, Yamaha and other motorcycles that require 10W-40 motorcycle oil.
- API SN, GL-1 JASO MA/MA2

Use **AMSOIL 5W-40 Synthetic Metric Motorcycle Oil** in Aprilia, Benelli, BMW, Can-Am, Husqvarna, Moto Guzzi and other motorcycles that require 5W-40 motorcycle oil.
- API SN, GL-1, JASO MA/MA2

Use **AMSOIL 15W-50 Synthetic Metric Motorcycle Oil** in BMW, Ducati, KTM, Royal Enfield, Triumph, Yamaha and other motorcycles that require 15W-50 motorcycle oil.
- API SN, JASO MA/MA2

AMSOIL Synthetic Metric Motorcycle Oil is not recommended for applications requiring an API GL-4 or GL-5 gear oil.

SERVICE LIFE

Use with an AMSOIL Oil Filter for up to twice the motorcycle manufacturer-recommended change interval (miles/hours) or one year, whichever comes first. When using any other oil filter, change the oil and filter at the recommended intervals. Extended drain intervals are not recommended in racing or modified engines; oil changes are at the owner's discretion.

WARRANTY SECURE™

AMSOIL Synthetic Metric Motorcycle Oil is a high-performance replacement for vehicle manufacturer-branded products and is backed by the AMSOIL Limited Warranty. It is also Warranty Secure, keeping your factory warranty intact.
For details, visit AMSOIL.com/warrantysecure.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended applications and according to the recommendations in the Safety Data Sheet (SDS) available online at AMSOIL.com or upon request at (715) 392-7101. Recycle used oil and bottle. **Keep Out of Reach of Children**.

*All trademarked names and images are the property of their respective owners and may be registered marks in some countries. No affiliation or endorsement claim, express or implied, is made by their use.

PROTECTION *you demand.* | PERFORMANCE *you deserve.™*

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

AMSOIL INC., 1 AMSOIL Center, Superior, WI 54880 • 715-392-7101 • Printed in the USA
© 2025, AMSOIL INC. All rights reserved. The AMSOIL logo is a registered trademark of AMSOIL INC.

G3348 5/25

Buy Online